

a first region that receives the water;

a shelf, at one end of said first cylindrical region, narrowing the diameter of
said first cylindrical region;

a porting region that then receives the water, constricting the end of said first region;

a second region that then receives the water, with a gradually narrowing
diameter permitting free and unobstructed flow of the water therein in
communication with said porting region; and

an inlet in communication with said second region, said inlet positioned after said second region receives the water from said porting region; and

~~a space for air, within said second region, defined by a right angle formed~~
~~between said porting region and said inlet.~~

REMARKS

Claims 1-14 were rejected under 35 U.S.C. 112, first paragraph because the Examiner believed that the space for air could possibly cause a vapor lock. In response, independent claims 1 and 14 have been amended to remove reference to the air space. Claims 2 – 13 have not been amended regarding the air space because they depend from claim 1, and have thus been amended per the amendment to claim 1.

Claims 1, 2, 4-14 were rejected under 35 U.S.C 102(b) as being anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Mullick (US 3,071,081). Claim 1 and claim 14 (the independent claims from which all other

claims depend) have been amended herein with the limitation that there is a shelf, at one end of said first cylindrical region, narrowing the diameter of said first cylindrical region. Another limitation added to claims 1 and 14 reads that a second region receives the water, with a gradually narrowing diameter permitting free and unobstructed flow of the water therein."

In contrast, Mullick's device has a funnel like piece disposed in the path of water, unlike the present invention. Whereas the present invention has a shelf that narrows the diameter, as well as a second region with a gradually narrowing diameter, Mullick's device has an actual funnel like obstruction in the path of the water.

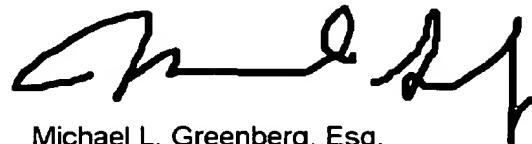
Applicant respectfully advances that, as stated in the detailed description, the relationships between parts of the invention are very important to it working properly; thus, this limitation to the claims is important to making the present invention work properly. Applicant believes that the claims are now in condition for allowance.

Claim 3 was rejected under 35 U.S.C 103(a) as being unpatentable over Mullick (US 3,071,081). Applicant believes that the aforementioned amendments to claim 1, as aforementioned, now place claim 3 in condition for allowance.

This office action is submitted three months past the statutory period for response, a petition for a three-month extension of time is hereby made and authorization to charge deposit account 500356 is hereby given for all fees due and owing.

CERTIFICATE OF MAILING

I hereby certify that this amendment and response was sent via US fax 1-703-308-6906 to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 12, 2004.



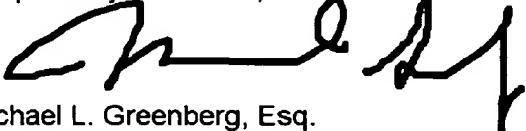
Michael L. Greenberg, Esq.

Reg. No. 47312

Dated July 12, 2004.

**The Examiner is encouraged to please call the Attorney-of-Record,
Michael L. Greenberg, at 301-588-8393 upon reading this amendment for an
interview should the claims not be deemed allowable. This has been
submitted with a petition to revive.**

Respectfully submitted,



Michael L. Greenberg, Esq.

Reg. No. 47,312